

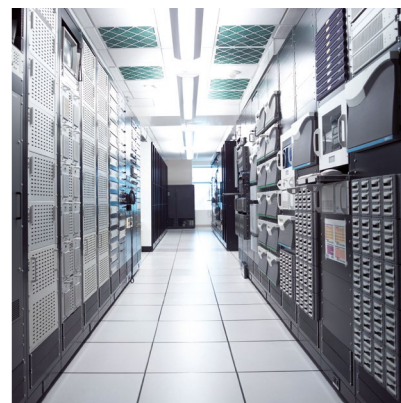


RemoteAccess-GATE

RemoteAccess-GATE

Worldwide access to your KVM systems

Catalogue
V1.0



G&D IF IT'S KVM



The company

Experience the whole world of

KVM

G&D IF IT'S KVM

Guntermann & Drunck is regarded as a leading manufacturer of KVM equipment used in control rooms in air traffic control, broadcast studios, on ships and to monitor industrial processes.

With a powerful portfolio consisting of KVM extenders, switches and matrix switches, G&D's users get real added value. G&D provides the broadest KVM product portfolio at the market. Even with different features, all G&D products are compatible and can be combined. Our KVM solutions optimise the application of IT equipment and improve the working conditions for humans and computers.

No matter where KVM devices are installed, there's always one main requirement - robust, reliable, user-friendly and easy to operate KVM systems that can be adapted to future requirements and grow with your demands.

By short lines of communication G&D is able to solve challenging requirements and tailor systems to our customers' needs. We keep direct contact to our customers and are personally available. We are proactive and always keep an eye on the trends in the industry. Functionalities required by our customers are quickly implemented into our products. Our success can only be measured with our customers' satisfaction.

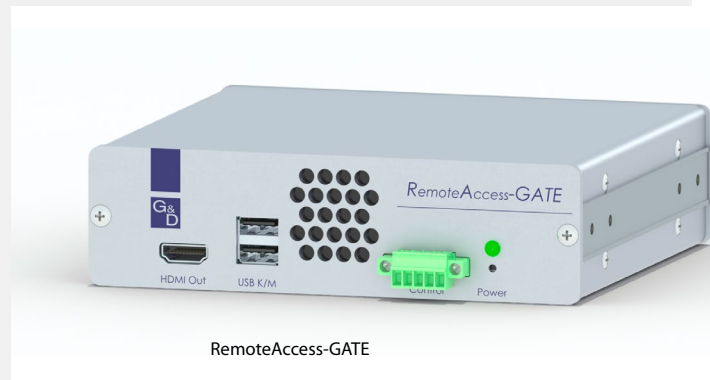
Trust in G&D for your optimal KVM solution.

Worldwide access to your KVM systems thanks to the RemoteAccess-GATE

In the fast-moving digital world, the ability to link company sites around the world and access computer systems at different locations from anywhere is becoming more important than ever.

As a stand-alone device, the RemoteAccess-GATE connects the two worlds of KVM and network. In this context, „GATE“ stand for „Global Access to Enterprise“ and therefore for the worldwide access to your KVM systems.

The RemoteAccess-GATE opens up completely new ways for remote operation from remote locations and also improves the ways of providing IT support and collaboration between employees.



RemoteAccess-GATE

Operating principle

Software/web clients on PCs (CON functionality) connect to the RemoteAccess-GATE via the Internet, WAN or LAN. This enables secure remote access to computer signals and G&D console modules.

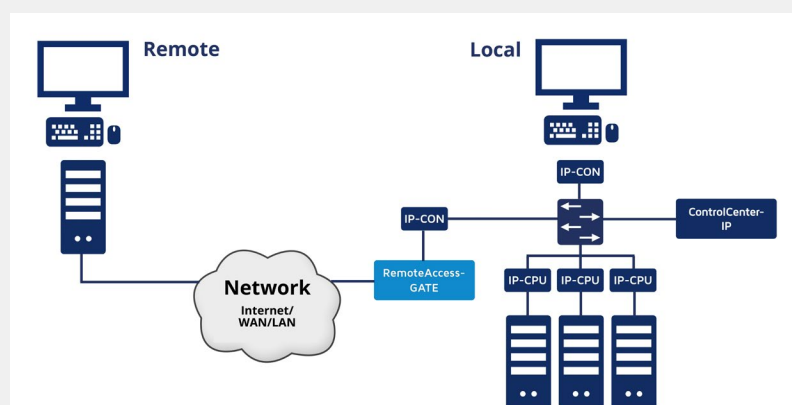
For best possible results, the following three web clients are available:

- HKC (HTML KVM Client) – Operating system independent, without Java; standard client
- AKC (Active KVM Client) – Windows without Java; can only be used with Internet Explorer or Edge Legacy Browser (click-once application)
- VKC (Virtual KVM Client) – Windows, Linux or Mac OS with Java 1.8 (no openJDK)

RemoteAccess-GATE provides configurable bandwidths to work over the Internet, LAN or WAN and to enable remote IT support at any time. You can use the device to connect to a single remote computer or to the entire KVM system. In addition, up to eight users can access it simultaneously.

Being a flexible IP solution, you can use RemoteAccess-GATE via G&D console modules, laptop or PC. Configuration is possible via HTML browser or via the serial service interface.

Of course, RemoteAccess-GATE meets the highest security requirements. Security features include AES encryption, LDAP, Active Directory and RADIUS directory server integration, user/group privileges, IP access controls, login limitations, KVM session encryption, SSL Certificates, configurable security banner, audit log, SNMP/Syslog event logging and notifications and strong passwords.



Example RemoteAccess-GATE combined with a KVM-over-IP installation

Highlights

- Stand-alone unit
- Supports 4K and UltraHD resolutions at 30 Hz with 4:2:2 colours
- Supports HD resolutions up to 1920 x 1080 and 1920 x 1200 at 60 Hz with 4:4:4 colours
- Exemplary resolutions:
 - 4096 x 2160 @ 30 Hz (4K @ 30 Hz)
 - 3840 x 2160 @ 30 Hz (Ultra-HD @ 30 Hz)
 - 2560 x 1600 @ 60 Hz
 - 2560 x 1440 @ 60 Hz
 - 1920 x 1200 @ 60 Hz
 - 1920 x 1080 @ 60 Hz
 - 1600 x 1200 @ 60 Hz
- HDMI video
- Embedded HDMI audio (digital)
- Adapters available for VGA, DVI, Mini-DisplayPort and USB-C
- AES encryption
- Housing: Anodised aluminium
- 3-year warranty, can be expanded to 6 years

With the use of additional hardware, USB data can be transferred from the remote workstation via the RemoteAccess-GATE and the KVM installation to the local computer.

Operation

- Unblocked IP access (BIOS level) to a computer or the entire KVM system at any time and from anywhere
- Supports up to eight simultaneous sessions
- Configurable bandwidth for operation via LAN, WAN and Internet
- Integrated control to switch computers or other devices on and off
- 5-pole terminal block for external control
- Local console can be connected to the RemoteAccess-GATE

TECHNICAL DATA

RemoteAccess-GATE

Interfaces to local console	
Video:	1 x HDMI (HDMI Out)
Keyboard and mouse signals:	2 x USB-A (USB K/M)
Interfaces to G&D device or computer	
Video:	1 x HDMI (HDMI In)
Keyboard and mouse signals:	1 x USB-B (USB In)
Other interfaces	
Network	1 x RJ45 socket (Network)
Service:	1 x D-Sub 9 plug
Control:	5-pole terminal block
Video	
Format:	HDMI 1.4b
Colour depth:	24 Bit
Video bandwidth:	25 to 297 MP/s
Max. resolution:	2560 x 1600 (60 Hz) 4096 x 2160 (30 Hz)
Exemplary resolutions:	3840 x 2160 (24, 25 or 30 Hz) 2560 x 1440 (60 Hz) 1920 x 1200 (60 Hz) 1920 x 1080 (24, 30 or 60 Hz) Further standard resolutions within the framework of the max. video bandwidth possible.
Vertical frequency:	24 Hz to 85 Hz
Horizontal frequency:	20 kHz to 99 kHz
Audio - Embedded audio	
Transmission type:	2-channel LPCM, stereo
Resolutions:	16 bit
Refresh rates:	up to 48 kHz
Power supply	
Type:	Table power pack
Connection:	1 x 4-pole connector
Power consumption:	5 VDC; max. 4 A
Housing	
Material:	Anodised aluminium
Dimensions (W x H x D):	160 x 44,5 x 144 mm
Weight:	approx. 720 g
Operation environment	
Temperature:	+0°C to +40°C
Air humidity:	20% to 80%, non-condensing
Storage environment	
Temperature:	-20°C to +60°C
Air humidity:	15% to 80%, non-condensing
Conformity	
	CE, EAC, FCC Class A, RoHs

Item number RemoteAccess-GATE

Item no.	Description
A3300008	RemoteAccess-GATE

Legend

ABBREVIATIONS

CPU = Computer module
PC = Computer module
CON = Console module
REM = Console module

MC2 = Multi-channel 2
MC3 = Multi-channel 3
MC4 = Multi-channel 4

M = Multimode
S = Singlemode
S+ = Singlemode+

RM = For assembly in a 19" rack
Desktop device
DT = Desktop device
DP = DisplayPort™

A = Audio
R = RS232
U = Integr. USB 2.0 up to 16 MBit/s
U2 = Transp. USB 2.0 Hi-Speed 480 Mbit/s
D = Delay

EQUIPMENT FEATURES



Audio



CAT cable



Compact setup



CrossDisplay-Switching



Delay



DisplayPort™



DVI dual link video



DVI single link video



Expansion



Fiber optics



High Definition Multimedia Interface



Keyboard/Mouse



KVM-over-IP™



Media control



Mix & Match



Modular setup



Monitoring



Multi user



Multi-channel video



Network connection



Power switching



Remote IP



RS232



Screen-Freeze



Separate local/remote user



Single user



USB 2.0



USB 3.0



VGA video



Web Interface

COLOUR CATEGORY



KVM extenders



KVM switches



Analog KVM matrix systems



Digital KVM matrix systems



Digital signage



KVM add-ons



Monitoring & SNMP



KVM MultiPower



Accessories

From professionals to professionals:

Trust in our professional solutions - from planning through to aftersales support.

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